

# BIRCH, STEWART, KOLASCH & BIRCH, LLP

INTELLECTUAL PROPERTY LAW  
8110 GATEHOUSE ROAD  
SUITE 100 EAST  
FALLS CHURCH, VA 22042-1248  
U S A

(703) 205-8000  
FAX: (703) 205-8050  
(703) 698-8590 (G IV)

e-mail: mailroom@bskb.com  
web: http://www.bskb.com

CALIFORNIA OFFICES:  
CARLSBAD, CALIFORNIA  
COSTA MESA, CALIFORNIA  
LOS ANGELES, CALIFORNIA

SENIOR COUNSEL:  
JOSEPH A. KOLASCH

SCOTT L. LOWE  
PAUL C. LEWIS  
RICHARD GALLAGHER  
MARYANNE ARMSTRONG, PH.D.  
KECIA J. REYNOLDS  
KALPANA REDDY  
ESTHER H. CHONG  
CATHERINE M. VOISINET  
EUGENE T. PEREZ  
CAROLYN T. BAUMGARDNER  
MARTIN R. GEISSLER  
J. ALISON GRABELL  
T. BENJAMIN SCHROEDER, PH.D.  
PERCY L. SQUARE  
HYUNG N. SOHN  
CLINT A. GERDINE  
CRAIG A. MCROBBIE  
WILLIAM F. NIXON  
DANIEL K. DORSEY  
MATTHEW T. SHANLEY

REG. PATENT AGENTS:  
FREDERICK R. HANDREN  
MARK HATSUMI  
GARTH M. DAHLEN, PH.D.  
ROBERT E. GOOZNER, PH.D.  
KRISTI L. RUPERT, PH.D.  
SUSAN W. GORMAN, PH.D.  
ROBERT W. DOWNS  
CHAD J. BILLINGS  
CHRISTINE V. CASTILLO  
CARL T. THOMSEN  
JASON W. RHODES  
SAM BHATTACHARYA  
BRADLEY C. FACH

TERRELL C. BIRCH  
RAYMOND C. STEWART  
JAMES M. SLATTERY  
MICHAEL K. MUTTER  
CHARLES GORENSTEIN  
GERALD M. MURPHY, JR.  
LEONARD R. SVENSSON  
ANDREW D. MEIKLE  
MARC S. WEINER  
JOE MCKINNEY MUNCY  
ROBERT J. KENNEY  
JOHN W. BAILEY  
MARK J. NUEL, PH.D.  
JAMES T. ELLER, JR.  
D. RICHARD ANDERSON  
THOMAS M. SMALL  
ROBERT A. SELDON  
JOHN A. SCILLIERI  
SANFORD ASTOR

OF COUNSEL:  
HERBERT M. BIRCH (1905-1996)  
BERNARD L. SWEENEY  
ELLIOT A. GOLDBERG  
WILLIAM L. GATES  
EDWARD H. VALANCE  
RUPERT J. BRADY (RET.)  
F. PRINCE BUTLER  
FRED S. WHISENHUNT (RET.)  
JAMES W. HELLWEGE  
QUENTIN R. "Rick" CORRIE  
ROBERT F. GNUSE  
DAVID R. MURPHY  
ROBERT M. ASHEN  
MICHAEL R. CAMMARATA

\* ADMITTED TO A BAR OTHER THAN VA.

Date: October 8, 2003

Docket No.: 4252-0103P

**MS PATENT APPLICATION**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a patent application applied for on behalf of the inventor(s) according to the provisions of 37 C.F.R. § 1.41(c).

Inventor(s): AKIRA, Sekiya; MASANORI, Tamura and  
TOSHIRO, Yamada

For: POROUS CALCIUM FLUORIDE, ITS PRODUCING METHOD,  
CATALYST FOR HYDROGENATION REACTION, AND METHOD  
FOR PRODUCING TRIHYDROFLUOROCARBON

Enclosed are:

- ☒ A specification consisting of Twenty-five (25) pages
- ☐ ( ) sheet(s) of formal drawings
- ☐ Applicant claims small entity status under 37 C.F.R. § 1.27

100803

15915 U.S. PTO

17858 U.S. PTO  
10/680257

100803

- ☒ Applicant does not claim priority
- ☐ Applicant claims the right of priority under 35 U.S.C. § 119 based on Application No(s) \_\_\_\_\_ filed in \_\_\_\_\_ on \_\_\_\_\_.
- ☐ Certified copy(ies) is(are) attached hereto.
- ☐ Certified copy(ies) will follow.
- ☒ Executed Declaration in accordance with 37 C.F.R. § 1.64 will follow
- ☐ Preliminary Amendment
- ☐ Application Data Sheet in accordance with 37 C.F.R. § 1.76
- ☒ Information Disclosure Statement, PTO-1449 and reference(s)
- ☐ Other: \_\_\_\_\_
- ☐ Applicant requests early publication - \$300.00 publication fee
- ☐ Non-publication Request and Certification under 35 U.S.C. § 122(b) (2) (B) (i)

The filing fee has been calculated as shown below:

			LARGE ENTITY		SMALL ENTITY	
BASIC FEE			\$770.00		\$385.00	
	NUMBER FILED	NUMBER EXTRA	RATE	FEE	RATE	FEE
<b>TOTAL CLAIMS</b>	5-20=	0	x 18 =	\$0.00	x 9=	\$0.00
<b>INDEPENDENT CLAIMS</b>	2-3=	0	x 86 =	\$0.00	x43=	\$0.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$290.00		+ \$145.00	
<b>TOTAL</b>			\$770.00		\$0.00	

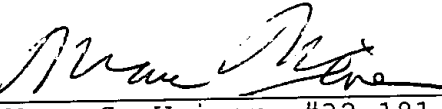
- ☒ The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed declaration together with the surcharge will be forwarded in due course.
- ☒ A check in the amount of \$770.00 to cover the filing fee is enclosed.

- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.
- ☒ Please send correspondence to:  
BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Marc S. Weiner, #32,181

MSW/smt  
4252-0103P

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

Attachment(s)

(Rev. 09/30/03)